

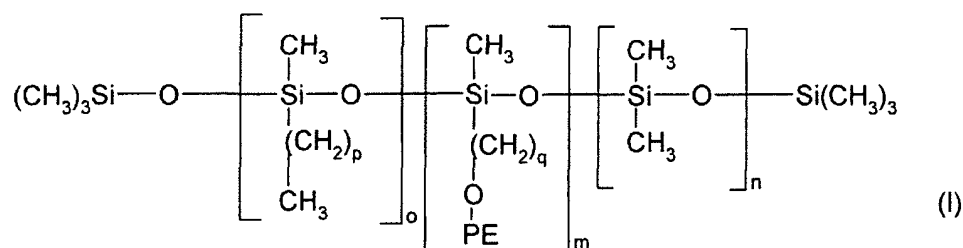
WHAT IS CLAIMED IS:

1. A foundation in the form of a water-in-oil emulsion comprising:
 - a fatty phase;
 - an aqueous phase;
 - at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols;
 - at least one other surfactant chosen from dimethicone copolyols; and
 - hydrophobic coated pigments,

wherein the fatty phase comprises at least 30% by weight, relative to the total weight of the emulsion, of a volatile fatty phase comprising:

- at least 6% by weight, relative to the total weight of the emulsion, of at least one volatile hydrocarbon oil; and
- at least one volatile oil chosen from volatile silicone oils and volatile fluorinated oils.

2. The foundation according to Claim 1, wherein the C₈-C₂₂ alkyl dimethicone copolyols are chosen from compounds of the following formula (I):



wherein:

- PE is chosen from groups (-C₂H₄O)_x-(C₃H₆O)_y-R, wherein
 - R is chosen from a hydrogen atom and alkyl radicals comprising from 1 to 4 carbon atoms,
 - x is an integer ranging from 0 to 100, and

- y is an integer ranging from 0 to 80, provided that x and y are not simultaneously equal to 0;

- m is an integer ranging from 1 to 40;

- n is an integer ranging from 10 to 200;

- o is an integer ranging from 1 to 100;

- p is an integer ranging from 7 to 21; and

- q is an integer ranging from 0 to 4.

3. The foundation according to Claim 2, wherein

- R is a hydrogen atom;

- m is an integer ranging from 1 to 10;

- n is an integer ranging from 10 to 100;

- o is an integer ranging from 1 to 30;

- p is 15; and

- q is 3.

4. The foundation according to Claim 1, wherein the C₈-C₂₂ alkyl dimethicone copolyols are chosen from cetyl dimethicone copolyols.

5. The foundation according to Claim 1, wherein the at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols is present in an amount ranging from 0.5% to 2% by weight, relative to the total weight of the emulsion.

6. The foundation according to Claim 5, wherein the at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols is present in an amount ranging from 0.6% to 2% by weight, relative to the total weight of the emulsion.

7. The foundation according to Claim 6, wherein the at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols is present in an amount ranging from 0.7% to 2% by weight, relative to the total weight of the emulsion.

8. The foundation according to Claim 7, wherein the at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols is present in an amount ranging from or 0.8% to 2% by weight, relative to the total weight of the emulsion.

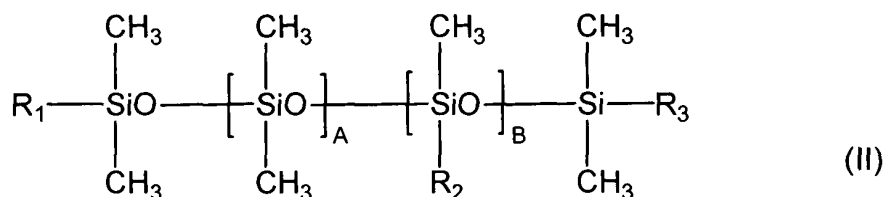
9. The foundation according to Claim 5, wherein the at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols is present in an amount ranging from 0.5% to 1.5% by weight, relative to the total weight of the emulsion.

10. The foundation according to Claim 9, wherein the at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols is present in an amount ranging from 0.6% to 1.5% by weight, relative to the total weight of the emulsion.

11. The foundation according to Claim 10, wherein the at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols is present in an amount ranging from 0.7% to 1.5% by weight, relative to the total weight of the emulsion.

12. The foundation according to Claim 11, wherein the at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols is present in an amount ranging from 0.8% to 1.5% by weight, relative to the total weight of the emulsion.

13. The foundation according to Claim 1, wherein the dimethicone copolyols are chosen from compounds of the following formula (II):



wherein:

- R_1 , R_2 , R_3 , which may be identical or different, are each chosen from C_1 - C_6 alkyl radicals and radicals $-(CH_2)_x-(OCH_2CH_2)_y-(OCH_2CH_2CH_2)_z-OR_4$, provided that at least one radical R_1 , R_2 or R_3 is not an alkyl radical;

- R_4 is chosen from hydrogen, C_1 - C_3 alkyl radicals, and C_2 - C_4 acyl radicals;

- A is an integer ranging from 0 to 200;

- B is an integer ranging from 0 to 50; provided that A and B are not simultaneously equal to 0;

- x is an integer ranging from 1 to 6;

- y is an integer ranging from 1 to 30; and

- z is an integer ranging from 0 to 5.

14. The foundation according to Claim 13, wherein:

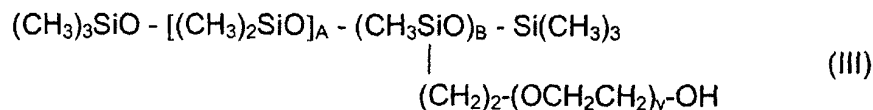
- $R_1 = R_3$ = methyl radical;

- x is an integer ranging from 2 to 6; and

- y is an integer ranging from 4 to 30.

15. The foundation according to Claim 6, wherein the R_4 is hydrogen.

16. The foundation according to Claim 1, wherein the dimethicone copolyols are chosen from compounds of the following formula (III):



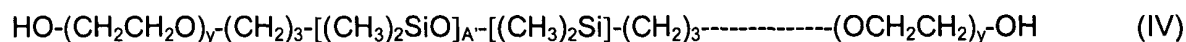
wherein:

- A is an integer ranging from 20 to 105;

- B is an integer ranging from 2 to 10; and

- y is an integer ranging from 10 to 20.

17. The foundation according to Claim 1, wherein the dimethicone copolyols are chosen from compounds of the following formula (IV):



wherein:

A' and y, which may be identical or different, are each an integer ranging from 10 to 20.

18. The foundation according to Claim 1, wherein the at least one other surfactant chosen from dimethicone copolyols is present in an amount ranging from 5% to 10% by weight, relative to the total weight of the emulsion.

19. The foundation according to Claim 18, wherein the at least one other surfactant chosen from dimethicone copolyols is present in an amount ranging from 5% to 8% by weight, relative to the total weight of the emulsion.

20. The foundation according to Claim 19, wherein the at least one other surfactant chosen from dimethicone copolyols is present in an amount ranging from 5% to 7% by weight, relative to the total weight of the emulsion.

21. The foundation according to Claim 1, wherein the hydrophobic coated pigments are chosen from pigments treated with at least one hydrophobic agent.

22. The foundation according to Claim 21, wherein the pigments are chosen from at least one of metal oxides, manganese violet, ultramarine blue, Prussian blue, ferric blue, bismuth oxychloride, pearl, mica coated with titanium, mica coated with bismuth oxychloride, and colored pearlescent pigments.

23. The foundation according to Claim 22, wherein the metal oxides are chosen from at least one of iron oxides and titanium dioxides.

24. The foundation according to 21, wherein the at least one hydrophobic agent is

chosen from silicones, fatty acids, metal soaps, perfluoroalkyl phosphates, perfluoroalkylsilanes, perfluoroalkylsilazanes, polyhexafluoropropylene oxides, polyorganosiloxanes comprising at least one perfluoroalkyl perfluoropolyether group, amino acids, N-acylated amino acids and salts thereof, lecithin, and isopropyl triisostearyl titanate.

25. The foundation according to Claim 24, wherein the N-acylated amino acids comprise at least one acyl group comprising from 8 to 22 carbon atoms.

26. The foundation according to Claim 1, wherein the hydrophobic coated pigments are present in an amount ranging from 0.5% to 20% by weight, relative to the total weight of the emulsion.

27. The foundation according to Claim 26, wherein the hydrophobic coated pigments are present in an amount ranging from 5% to 20% by weight, relative to the total weight of the emulsion.

28. The foundation according to Claim 27, wherein the hydrophobic coated pigments are present in an amount ranging from 8% to 20% by weight, relative to the total weight of the emulsion.

29. The foundation according to Claim 28, wherein the hydrophobic coated pigments are present in an amount ranging from 8% to 15% by weight, relative to the total weight of the emulsion.

30. The foundation according to Claim 1, wherein the volatile fatty phase is present in an amount ranging from 30% to 45% by weight, relative to the total weight of the emulsion.

31. The foundation according to Claim 30, wherein the volatile fatty phase is present in an amount ranging from 30% to 40% by weight, relative to the total weight of the emulsion.

32. The foundation according to Claim 31, wherein the volatile fatty phase is present in an amount ranging from 33% to 38% by weight, relative to the total weight of the emulsion.

33. The foundation according to Claim 1, wherein the at least one volatile hydrocarbon oil is chosen from hydrocarbon oils having a flash point ranging from 40°C to 102°C.

34. The foundation according to Claim 33, wherein the at least one volatile hydrocarbon oil is chosen from hydrocarbon oils having a flash point ranging from 40°C to 55°C.

35. The foundation according to Claim 34, wherein the at least one volatile hydrocarbon oil is chosen from hydrocarbon oils having a flash point ranging from 40°C to 50°C.

36. The foundation according to Claim 1, wherein the at least one volatile hydrocarbon oil is chosen from volatile hydrocarbon oils comprising from 8 to 16 carbon atoms.

37. The foundation according to Claim 1, wherein the at least one volatile hydrocarbon oil is chosen from branched C₈-C₁₆ alkanes and branched C₈-C₁₆ esters.

38. The foundation according to Claim 1, wherein the at least one volatile hydrocarbon oil is chosen from isododecane, isodecane and isohexadecane.

39. The foundation according to Claim 1, wherein the at least one volatile hydrocarbon oil is isododecane.

40. The foundation according to Claim 1, wherein the at least one volatile hydrocarbon oil is present in an amount ranging from 6% to 25% by weight, relative to the total weight of the emulsion.

41. The foundation according to Claim 40, wherein the at least one volatile hydrocarbon oil is present in an amount ranging from 10% to 20% by weight, relative to the total weight of the emulsion.

42. The foundation according to Claim 41, wherein the at least one volatile hydrocarbon oil is present in an amount ranging from 10% to 15% by weight, relative to the total weight of the emulsion.

43. The foundation according to Claim 1, wherein the volatile silicone oils are chosen from silicone oils having a flash point ranging from 40°C to 102°C.

44. The foundation according to Claim 43, wherein the volatile silicone oils are chosen from silicone oils having a flash point ranging from greater than 55°C to less than or equal to 95°C.

45. The foundation according to Claim 44, wherein the volatile silicone oils are chosen from silicone oils having a flash point ranging from 65°C to 95°C.

46. The foundation according to Claim 1, wherein the volatile silicone oils are chosen from linear and cyclic silicone oils comprising from 2 to 7 silicon atoms, these silicones optionally comprising at least one group chosen from alkyl and alkoxy groups comprising from 1 to 10 carbon atoms.

47. The foundation according to Claim 1, wherein the volatile silicone oils are chosen from at least one of octamethylcyclotetrasiloxane, decamethylcyclopentasiloxane, dodecamethylcyclohexasiloxane, heptamethylhexyltrisiloxane, heptamethyloctyltrisiloxane, hexamethyldisiloxane, octamethyltrisiloxane, decamethyltetrasiloxane, and dodecamethylpentasiloxane.

48. The foundation according to Claim 1, wherein the volatile fluorinated oils are chosen from at least one of nonafluoroethoxybutane, nonafluoromethoxybutane, decafluoropentane, tetradecafluorohexane, and dodecafluoropentane.

49. The foundation according to Claim 1, wherein the volatile fatty phase comprises at least one volatile hydrocarbon oil and at least one volatile silicone oil.

50. The foundation according to Claim 1, wherein the at least one volatile oil chosen from volatile silicone oils and volatile fluorinated oils is present in an amount ranging from 20% to 32% by weight, relative to the total weight of the emulsion.

51. The foundation according to Claim 50, wherein the at least one volatile oil chosen from volatile silicone oils and volatile fluorinated oils is present in an amount ranging from 20% to 30% by weight, relative to the total weight of the emulsion.

52. The foundation according to Claim 51, wherein the at least one volatile oil chosen from volatile silicone oils and volatile fluorinated oils is present in an amount ranging from 22% to 26% by weight, relative to the total weight of the emulsion.

53. The foundation according to Claim 1, wherein the volatile fatty phase comprises:

- a first volatile hydrocarbon oil,
- a second volatile silicone oil having a flash point ranging from greater than 55°C to less than or equal to 85°C,
- a third volatile silicone oil having a flash point greater than 80°C.

54. The foundation according to Claim 53, wherein the flashpoint of the second volatile silicone oil ranges from 65°C to 80°C.

55. The foundation according to Claim 53, wherein the flashpoint of the second volatile silicone oil ranges from 67°C to 85°C.

56. The foundation according to Claim 53, wherein the flashpoint of the third volatile silicone oil ranges from greater than 80°C to less than or equal to 95°C.

57. The foundation according to Claim 53, wherein the flashpoint of the third volatile silicone oil ranges from 87°C to 95°C.

58. The foundation according to Claim 53, wherein the first volatile hydrocarbon oil is isododecane.

59. The foundation according to Claim 53, wherein the second volatile oil is chosen from decamethylcyclopentasiloxane and decamethyltetrasiloxane.

60. The foundation according to Claim 53, wherein the second volatile silicone oil is decamethylcyclopentasiloxane.

61. The foundation according to Claim 53, wherein the third volatile silicone oil is dodecamethylcyclohexasiloxane.

62. The foundation according to Claim 53, wherein the second volatile silicone oil is present in an amount ranging from 0.1% to 31.9% by weight, relative to the total weight of the emulsion.

63. The foundation according to Claim 62, wherein the second volatile silicone oil is present in an amount ranging from 5% to 20% by weight, relative to the total weight of the emulsion.

64. The foundation according to Claim 63, wherein the second volatile silicone oil is present in an amount ranging from 8% to 16% by weight, relative to the total weight of the emulsion.

65. The foundation according to Claim 53, wherein the third volatile silicone oil is present in an amount ranging from 0.1% to 31.9% by weight, relative to the total weight of the emulsion.

66. The foundation according to Claim 65, wherein the third volatile silicone oil is present in an amount ranging from 5% to 20% by weight, relative to the total weight of the emulsion.

67. The foundation according to Claim 68, wherein the third volatile silicone oil is present in an amount ranging from 8% to 16% by weight, relative to the total weight of the emulsion.

68. The foundation according to Claim 1, wherein the volatile fatty phase comprises at least 30% by weight, relative to the total weight of the emulsion, of a mixture of decamethylcyclopentasiloxane, dodecamethylcyclohexasiloxane and isododecane, wherein the isododecane content is at least 6% by weight, relative to the total weight of the emulsion.

69. The foundation according to Claim 68, wherein the isododecane content is at least 10% by weight, relative to the total weight of the emulsion.

70. The foundation according to Claim 1, further comprising at least one non-volatile additional oil.

71. The foundation according to Claim 70, wherein the at least one non-volatile additional oil is chosen from non-volatile hydrocarbon oils and non-volatile silicone oils.

72. The foundation according to Claim 70, wherein the at least one non-volatile additional oil is present in an amount ranging from 0.1% to 12% by weight, relative to the total weight of the emulsion.

73. The foundation according to Claim 72, wherein the at least one non-volatile additional oil is present in an amount ranging from 1% to 5% by weight, relative to the total weight of the emulsion.

74. The foundation according to Claim 70, wherein the emulsion comprises from 30% to 45% by weight of oils, relative to the total weight of the emulsion, wherein said oils comprise at least one volatile hydrocarbon oil, at least one volatile oil, and at least one additional non-volatile oil.

75. The foundation according to Claim 74, wherein the emulsion comprises from 30% to 40% by weight of oils, relative to the total weight of the emulsion, wherein said oils comprise at least one volatile hydrocarbon oil, at least one volatile oil, and at least one additional non-volatile oil.

76. The foundation according to Claim 1, further comprising at least one fatty substance chosen from waxes, gums, and pasty fatty substances.

77. The foundation according to Claim 1, further comprising at least one fatty phase thickening agent.

78. The foundation according to Claim 77, wherein the at least one fatty phase thickening agent is chosen from organomodified clays and hydrophobic pyrogenic silicas.

79. The foundation according to Claim 78, wherein the at least one fatty phase thickening agent is present in an amount ranging from 0.1% to 5% by weight, relative to the total weight of the emulsion.

80. The foundation according to Claim 79, wherein the at least one fatty phase thickening agent is present in an amount ranging from 0.4% to 3% by weight, relative to the total weight of the emulsion.

81. The foundation according to Claim 1, wherein the fatty phase is present in an amount ranging from 22% to 50% by weight, relative to the total weight of the emulsion.

82. The foundation according to Claim 81, wherein the fatty phase is present in an amount ranging from 25% to 45% by weight, relative to the total weight of the emulsion.

83. The foundation according to Claim 82, wherein the fatty phase is present in an amount ranging from 30% to 45% by weight, relative to the total weight of the emulsion.

84. The foundation according to Claim 83, wherein the fatty phase is present in an amount ranging from 35% to 45% by weight, relative to the total weight of the emulsion.

85. The foundation according to Claim 81, wherein the fatty phase is present in an amount ranging from 30% to 40% by weight, relative to the total weight of the emulsion.

86. The foundation according to Claim 1, wherein the aqueous phase is present in an amount ranging from 30% to 50% by weight, relative to the total weight of the emulsion.

87. The foundation according to Claim 86, wherein the aqueous phase is present in an amount ranging from 35% to 45% by weight, relative to the total weight of the emulsion.

88. The foundation according to Claim 1, wherein the aqueous phase comprises at least one of water, at least one solvent chosen from primary alcohols, glycols, and glycol ethers, and at least one stabilizing agent.

89. The foundation according to Claim 1, further comprising at least one filler.

90. The foundation according to Claim 89, wherein the at least one filler is chosen from talc, mica, silica, kaolin, starch, boron nitride, calcium carbonate, magnesium carbonate, magnesium hydrocarbonate, microcrystalline cellulose, polyethylene powders, polyesters, polyamides, polytetrafluoroethylene, and silicone powders.

91. The foundation according to Claim 89, wherein the at least one filler is present in an amount ranging from 0.1% to 10% by weight, relative to the total weight of the emulsion.

92. The foundation according to Claim 91, wherein the at least one filler is present in an amount ranging from 0.1% to 7% by weight, relative to the total weight of the emulsion.

93. The foundation according to Claim 1, further comprising at least one adjuvant chosen from gelling agents, hydrophilic thickening agents, lipophilic thickening agents, moisturizing agents; emollients; hydrophilic active agents, lipophilic active agents; anti-free radical agents; sequestrants; antioxidants; preservatives; basifying agents, acidifying agents; perfumes; film-forming agents; and soluble colorants.

94. The foundation according to Claim 1, wherein the foundation has a viscosity, measured at 25°C, at a shear rate of 200 min⁻¹, ranging from 0.15 to 0.6 Pa.s.

95. The foundation according to Claim 94, wherein the foundation has a viscosity, measured at 25°C, at a shear rate of 200 min⁻¹ ranging from 0.25 to 0.45 Pa.s.

96. A cosmetic process for the non-therapeutic application of make-up to the skin comprising applying to the skin a foundation composition in the form of a water-in-oil emulsion comprising:

- a fatty phase;
- an aqueous phase;
- at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols;
- at least one other surfactant chosen from dimethicone copolyols; and
- hydrophobic coated pigments,

wherein the fatty phase comprises at least 30% by weight, relative to the total weight of the emulsion, of a volatile fatty phase comprising:

- at least 6% by weight, relative to the total weight of the emulsion, of at least one volatile hydrocarbon oil; and

- at least one volatile oil chosen from volatile silicone oils and volatile fluorinated oils.

97. A process for obtaining a homogeneous make-up on the skin, comprising applying to said skin a foundation composition in the form of a water-in-oil emulsion comprising:

- a fatty phase;
- an aqueous phase;
- at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols;
- at least one other surfactant chosen from dimethicone copolyols; and
- hydrophobic coated pigments,

wherein the fatty phase comprises at least 30% by weight, relative to the total weight of the emulsion, of a volatile fatty phase comprising:

- at least 6% by weight, relative to the total weight of the emulsion, of at least one volatile hydrocarbon oil; and
- at least one volatile oil chosen from volatile silicone oils and volatile fluorinated oils.

98. A process for making a foundation composition, comprising including at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols and at least one other surfactant chosen from dimethicone copolyols in the foundation composition in the form of a water-in-oil emulsion comprising a fatty phase, an aqueous phase, and hydrophobic coated pigments, wherein the fatty phase comprises at least 30% by weight, relative to the total weight of the emulsion, of volatile fatty phase comprising:

- at least 6% by weight, relative to the total weight of the emulsion, of at least one volatile hydrocarbon oil, and

- at least one volatile oil chosen from volatile silicone oils and volatile fluorinated oils,
wherein the composition has at least one property of being stable, homogeneous, and
capable of obtaining a homogeneous make-up on the skin.

99. A foundation composition in the form of a water-in-oil emulsion comprising:

- a fatty phase;
- an aqueous phase;
- at least one surfactant chosen from C₈-C₂₂ alkyl dimethicone copolyols;
- at least one other surfactant chosen from dimethicone copolyols; and
- hydrophobic coated pigments,

wherein the fatty phase comprises at least 30% by weight, relative to the total weight of the
emulsion, of a volatile fatty phase comprising:

- at least 6% by weight, relative to the total weight of the emulsion, of at least one
volatile hydrocarbon oil; and
- at least one volatile oil chosen from volatile silicone oils and volatile fluorinated oils,

wherein the composition has at least one property of being stable, homogeneous, and
capable of obtaining a homogeneous make-up on the skin.